

Title (en)

END COVER, BATTERY CELL, BATTERY, AND ELECTRIC DEVICE

Title (de)

ENDKAPPE, BATTERIEZELLE, BATTERIE UND STROMVERBRAUCHENDE VORRICHTUNG

Title (fr)

COUVERCLE D'EXTRÉMITÉ, ÉLÉMENT DE BATTERIE, BATTERIE ET DISPOSITIF ÉLECTRIQUE

Publication

EP 4300691 A1 20240103 (EN)

Application

EP 22929208 A 20220516

Priority

CN 2022093136 W 20220516

Abstract (en)

[origin: US2023369711A1] An end cap may comprise a cap body and a pressure relief groove. The cap body may be provided with a pressure relief portion, wherein the pressure relief groove may be formed in the cap body, and the pressure relief groove may delimit the pressure relief portion. The pressure relief portion may be bent in a thickness direction of the cap body.

IPC 8 full level

H01M 50/30 (2021.01); **H01M 50/15** (2021.01); **H01M 50/342** (2021.01)

CPC (source: EP US)

H01M 50/103 (2021.01 - EP US); **H01M 50/147** (2021.01 - EP); **H01M 50/15** (2021.01 - EP US); **H01M 50/152** (2021.01 - EP); **H01M 50/3425** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

See references of WO 2023220886A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

US 202318223549 A 20230719; CN 2022093136 W 20220516; CN 202280006794 A 20220516; EP 22929208 A 20220516